AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 5, line 9, as follows:

In the second electric toothbrush of the present invention, in which brushing is enabled by moving a tufted portion, because the distance, x (mm), of movement of the tufted portion and the frequency, y (times), of back-and-forth motion per minute are set in a range satisfying the following formula: $y=ax+b$, where $a=-3000$, ~~$10{,}000=b=12{,}500$~~ $10{,}000 \leq b \leq 12{,}500$, plaque removal can be superior over a wide range from low frequency to high frequency. Here, if the distance of movement of the tufted portion is set at 0.3-0.7 mm, the electric toothbrush can be used even by a patient with gingivitis, without damaging the gum, while improving the plaque removal.

Please amend the paragraph beginning at page 7, line 21, as follows:

The distance, x (mm), of movement of the tufted portion can be set at any value, but if it is too small, the plaque removal ratio decreases, and if the distance is too ~~larger~~ large, the gum is easily damaged. Accordingly, the distance is preferably set at 0.3-0.7 mm.